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|--|---|--|--|--|--|------|--|--|--|--|--|--|--|--|
| FORM PTO<br>MODIFIED   |   | -1390  | U.S. DEPARTMENT C                      | F COMMERCE PATENT AND TRADEMARK OFFICE         | ATTORNEY'S DOCKET NUMBER 4702-19   |      |  |  |  |  |  |  |  |  |
|  |   |  |  | R TO THE UNITED STATES                         | U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)   |      |  |  |  |  |  |  |  |  |
| DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 |   |  |  |  |  |      |  |  |  |  |  |  |  |  |
| INTE   | RNA   |  | APPLICATION NO.                        | INTERNATIONAL FILING DATE                      | PRIORITY DATE CLAIMED  |      |  |  |  |  |  |  |  |  |
|  | P   | CT/GB2   | 2003/005203                            | 3 December 2003                                | 19 December 2002   | •    |  |  |  |  |  |  |  |  |
| TITL   | TITLE OF INVENTION  |  |  |  |  |      |  |  |  |  |  |  |  |  |
|  |   |  |  | PROCESS FOR MANUFACTURING ET                   | THYLENE OXIDE  |      |  |  |  |  |  |  |  |  |
| APP  | LICA  | NT(S) F  | OR DO/EO/US                            | MAUVEZIN et al                                 |  |      |  |  |  |  |  |  |  |  |
| Арр  | licant  | herewit  | h submits to the Unite                 | d States Designated/Elected Office (DO/E       | EO/US) the following items and other information:  |      |  |  |  |  |  |  |  |  |
| 1.   |   | This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.  |  |  |  |      |  |  |  |  |  |  |  |  |
| 2.   | $\boxtimes$   | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.  |  |  |  |      |  |  |  |  |  |  |  |  |
| 3.   |   | This is an express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below. |  |  |  |      |  |  |  |  |  |  |  |  |
| 4.   |   | The U.S. has been elected (Article 31).  |  |  |  |      |  |  |  |  |  |  |  |  |
| 5.   | A cc  | copy of the International Application as filed (35 U.S.C. 371(c)(2).   |  |  |  |      |  |  |  |  |  |  |  |  |
|  | a.  | is   | s attached hereto (                    | pages specification, claims & abstract         | ( claims), sheets drawings).   |      |  |  |  |  |  |  |  |  |
|  | b.  | □ h  | as been communicate                    | ed by the International Bureau.                |  |      |  |  |  |  |  |  |  |  |
|  | c.  | ☐ is   | s not required, as the                 | application was filed in the United States R   | Receiving Office (RO/US).  |      |  |  |  |  |  |  |  |  |
| 6.   |   | An En  | glish language transla                 | tion of the International Application as filed | d (35 U.S.C. 371(c)(3)   |      |  |  |  |  |  |  |  |  |
|  | a.<br>Cert  |  | s attached hereto (<br>f Translation). | pages specification, claims & abstract (       | ( claims), sheets drawings, pag  | е    |  |  |  |  |  |  |  |  |
|  | b.  | □ h  | as been previously su                  | ubmitted under 35 U.S.C. 154(d)(4).            |  |      |  |  |  |  |  |  |  |  |
| 7.   |   | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)  |  |  |  |      |  |  |  |  |  |  |  |  |
|  | a.  | are attached hereto (required only if not communicated by the International Bureau).   |  |  |  |      |  |  |  |  |  |  |  |  |
|  | b.  | □ h  | ave been communica                     | ted by the International Bureau.               |  |      |  |  |  |  |  |  |  |  |
|  | c.  | have not been made; however, the time limit for making such amendments has <b>NOT</b> expired.   |  |  |  |      |  |  |  |  |  |  |  |  |
|  | d.  | have not been made and will not be made.   |  |  |  |      |  |  |  |  |  |  |  |  |
| 8.   |   | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3).   |  |  |  |      |  |  |  |  |  |  |  |  |
| 9.   | a.  | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4).  |  |  |  |      |  |  |  |  |  |  |  |  |
|  | b.<br>Forr  |  |  |  | ernational Phase (see copies of Declaration (<br>on acknowledging receipt thereof attached). | page |  |  |  |  |  |  |  |  |
| 10.  |   |  | glish language transla                 | tion of the annexes of the International Pre   | eliminary Examination Report under PCT Article 36  | (35  |  |  |  |  |  |  |  |  |
| U.S.   |   | '1(c)(5).<br><b>15 11 T</b> c  | 20 below concern                       | document(s) or information included:           |  |      |  |  |  |  |  |  |  |  |
| 11.  |   |  |  | tatement under 37 C.F.R. 1.97 and 1.98.        |  |      |  |  |  |  |  |  |  |  |
| 12.  |   |  |  |  | mpliance with 37 C.F.R. 3.28 and 3.31 is included.   |      |  |  |  |  |  |  |  |  |
| 13.  | —<br>а.   | _  | ι FIRST preliminary αι                 | •  | •  |      |  |  |  |  |  |  |  |  |
|  | b.  |  | •                                      | QUENT preliminary amendment.                   |  |      |  |  |  |  |  |  |  |  |
| 14.  |   | An App   | olication Data Sheet u                 | nder 37 C.F.R. § 1.76.                         |  |      |  |  |  |  |  |  |  |  |
| 15.  |   | A subs   | stitute specification.                 |  |  |      |  |  |  |  |  |  |  |  |
| 16.  |   | A char   | nge of power of attorn                 | ey and/or address letter.                      |  |      |  |  |  |  |  |  |  |  |
| 17.  |   | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.   |  |  |  |      |  |  |  |  |  |  |  |  |
| 18.  |   | A second copy of the published international application under 35 U.S.C. 154(d)(4).  |  |  |  |      |  |  |  |  |  |  |  |  |
| 19.  | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). |  |  |  |  |      |  |  |  |  |  |  |  |  |
| 20.  | $\boxtimes$   |  |  |  |  |      |  |  |  |  |  |  |  |  |

| U.S. APPLICATION NO. (If known, s   | see 37 C.F.R. 1.5)  |                   | INTERNATIONAL APPLICATION NO. |                  |                   | ATTORNEY'S DOCKET NUMBER |             |              |                           |  |  |  |
|---|---|-------------------|-------------------------------|------------------|-------------------|--------------------------|-------------|--------------|---------------------------|--|--|--|
| 10/539,412  |   |                   | PCT/GB2003/005203             |                  |                   |                          |             | 4702-19      |                           |  |  |  |
| 21.  The following fees a   |   |                   | <del>_</del>                  |                  |                   |                          |             |              |                           |  |  |  |
| BASIC NATIONAL FEE  | •   |                   | <b>6000</b> (                 | 00 /40           | 04)/0450.00./00   | 341                      | ٦           | 0.00         |                           |  |  |  |
| a) Basic national fee   |   |                   |                               | •                | •                 | •                        | \$          |              | <del></del>               |  |  |  |
| b) Examination Fee  |   |                   |                               |                  | •                 | -                        | \$          | 0.00         |                           |  |  |  |
| c) Search Fee\$500.00 (1632)/\$250.00 (2632)  TOTAL OF ABOVE CALCULATIONS\$1000.00/\$500.00   |   |                   |                               |                  |                   |                          |             | 0.00         | <del></del>               |  |  |  |
|   | \$  | 0.00              | L                             |                  |                   |                          |             |              |                           |  |  |  |
| Additional fee for specific computer program listing or fraction thereof.   |   |                   |                               |                  |                   |                          |             |              |                           |  |  |  |
| Total Sheets Extra She  | each additional 50 or RATE<br>ereof (round <b>up</b> to a whole |                   |                               | RATE             |                   |                          |             |              |                           |  |  |  |
| 27 -100 0 /5  | number<br>50 = 0.00   |                   | Τ' -                          | \$0.0            | <b>0</b> (1681)   |                          | \$          | 0.00         | , ,                       |  |  |  |
|   |   |                   |                               |                  |                   |                          |             |              |                           |  |  |  |
|   |   |                   |                               | \$0.0            | <b>0</b> (2681)   |                          |             |              | T 60                      |  |  |  |
| Surcharge of \$130.00 (1617) from the earliest claimed prio   |   |                   |                               | claratio         | on later than 🗌   | 30 months                |             | 0.00         |                           |  |  |  |
|   | BER FILED   | # EXTRA           | -                             |                  | RATE              |                          | \$          | 0.00         | <u> </u>                  |  |  |  |
| Total Claims 19   | minus 20  |                   | 550.00 (1615)/                |                  | \$25.00 (2615)    |                          | \$          | 0.00         |                           |  |  |  |
|   | =   |                   |                               |                  |                   |                          |             |              |                           |  |  |  |
| Independent Claims 1  | minus 3 =   |                   | 200.00 (1614)                 |                  | \$100.00 (2614)   |                          | \$          | 0.00         |                           |  |  |  |
| MULTIPLE DEPENDENT CL Petition is hereby made to ex   |   |                   |                               |                  | 6)/\$180.00 (2616 |                          | \$          | 0.00         |                           |  |  |  |
| attachment(s): One Month E  |   |                   |                               |                  |                   |                          |             |              |                           |  |  |  |
| (1252)/\$225.00 (2252);Three  |   |                   |                               |                  |                   |                          |             |              |                           |  |  |  |
| \$1590.00 (1254/\$795.00 (225   | -   |                   |                               |                  |                   |                          | \$          | 0.00         |                           |  |  |  |
| Applicant claims small en   |   |                   |                               |                  |                   |                          | $\sqcup$    |              | <u> </u>                  |  |  |  |
| Processing fee of \$130.00 (1 months from the earliest clair  |   |                   |                               | later tr         | nan ∐ 20          | 30                       |             | 0.00         |                           |  |  |  |
| months from the earliest clair  | nea priority da   | ie (07 O.1 .11. 1 | .402(1).                      |                  | TOTAL NATIO       | NAL FEE =                | \$          | 0.00         |                           |  |  |  |
| Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be accompanied by   |   |                   |                               |                  |                   |                          |             |              |                           |  |  |  |
| an appropriate cover sheet (3   |   |                   |                               |                  |                   | 450)                     | \$          | 0.00         |                           |  |  |  |
| Fee for Petition to Revive Unintentionally Abandoned Application;\$1500.00 (1453) / \$750.00 (2453)  TOTAL FEES ENCLOSED =                                |   |                   |                               |                  |                   |                          |             |              |                           |  |  |  |
|   |   |                   |                               | 101              | AL FELS LIN       | LOSED -                  | \$<br>Ar    | 0.00         |                           |  |  |  |
|   |   |                   |                               |                  |                   |                          | refunded    |              | \$                        |  |  |  |
|   |   |                   |                               |                  |                   |                          | Charged     |              | \$                        |  |  |  |
| a.  |   |                   |                               |                  |                   |                          |             |              |                           |  |  |  |
| b. Please charge my   |   |                   | in the amount                 | t of \$_         | to cover th       | e above fee              | S.          |              |                           |  |  |  |
| A duplicate copy of this form is enclosed.  c.   The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any |   |                   |                               |                  |                   |                          |             |              |                           |  |  |  |
| overpayment to De   |   |                   |                               |                  |                   |                          |             |              |                           |  |  |  |
| d.   CREDIT CARD F  |   |                   |                               |                  |                   |                          |             |              |                           |  |  |  |
| e.  The entire content  |   |                   |                               |                  |                   |                          |             | plication(s) | corresponding             |  |  |  |
| thereto, and 0216145, referre NOTE: Where an appropria  | ed to in this app   | olication is/are  | hereby incorpo                | orated<br>95 had | by reference in   | nis applicati            | on.<br>o re | vive (37 C F | : D 1 137(a)              |  |  |  |
| or (b) must be filed and gra  |   |                   |                               |                  |                   | a poutton t              | 0.0         | (0. 0        | o.(u)                     |  |  |  |
| CORRESPONDENCE ADDR   |   |                   | •                             |                  |                   |                          |             |              |                           |  |  |  |
| Direct all correspondence   |   |                   |                               | _                |                   |                          |             |              |                           |  |  |  |
| ⊠ Custome   | r Number:   | 2                 | 3117                          |                  |                   | _                        |             |              |                           |  |  |  |
|   |   | Type Custo        | omer Number here              |                  |                   | $\sim$                   |             |              |                           |  |  |  |
|   |   |                   |                               |                  | 11                | $\Omega M$               |             |              | <u>-</u>                  |  |  |  |
| Telephone: (703) 816-4000 Leonard C. Mitchard   |   |                   |                               |                  |                   |                          |             |              |                           |  |  |  |
| Telephone: (703) 816-4000<br>LCM:lfm  |   |                   |                               |                  | NAME /            | <del>ye</del> ciiai u    |             |              |                           |  |  |  |
|   |   |                   |                               |                  | G                 |                          | 1.          | uly 19 2005  | :                         |  |  |  |
| 29,009 REGISTRATION NUMBER  |   |                   |                               |                  |                   |                          |             |              | <b>July 18, 2005</b> Date |  |  |  |